

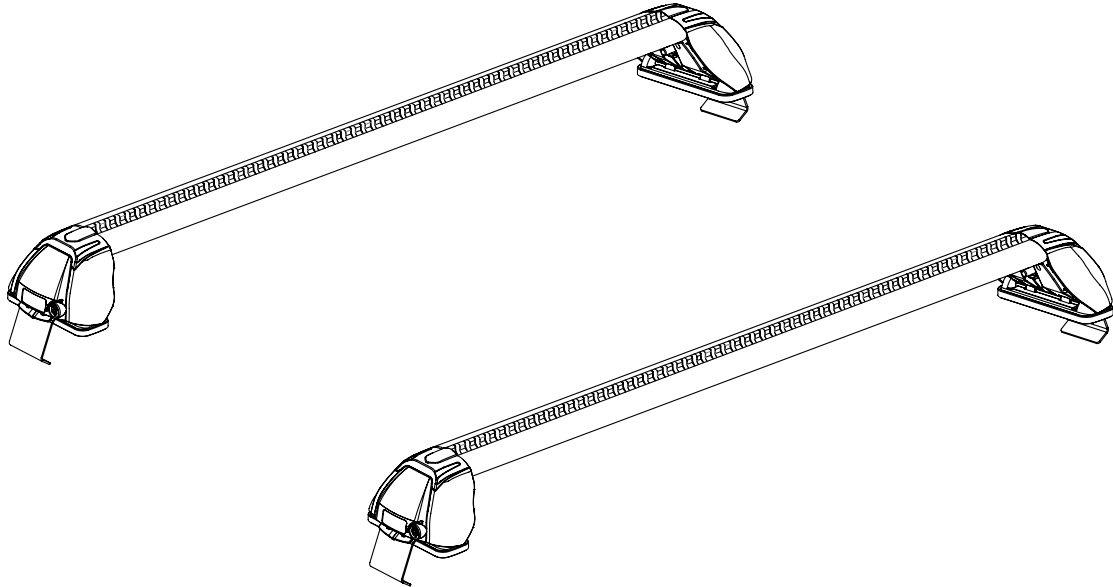


# RHINO-RACK

## 2500 RS Rhino Sportz - Two Bar System.

**Important:** Please read these instructions carefully prior to installation.  
Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations.  
Check the contents of kit before commencing fitment and report any discrepancies.  
Place these instructions in the vehicle's glove box after installation is complete.

Layout:



**Care Instruction:** Wash vehicle roof prior to installation.

### Important Information

**Maximum carrying capacity: Two crossbars; 75kg evenly distributed. Please refer to your vehicle manufacturers handbook for maximum roof loading.**

**Recommendations:**

It is essential that all bolt connections be checked after driving a short distance when you first install your crossbars. Bolt connections should be checked again at regular intervals (probably once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the crossbars each time they are re-fitted. Make sure to fasten your load securely. Please ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible.

**Use only non-stretch fastening ropes or straps.**

**Sensitivity to cross winds, behaviour in curves and braking.**

The handling characteristics of the vehicle, changes when you transport a load on the roof. For safety reasons, we recommend you exercise extreme care when transporting wind-resisting loads; special consideration must be taken into account when braking.

**Please remove crossbars when putting vehicle through an automatic car wash.**

**Load Ratings:**

When these roof racks are to be used on a vehicle that is driven off sealed roads, the manufacturer maximum roof load rating (to be found in the vehicles User Manual) should be **halved**. For example, if the vehicles maximum roof load rating is 70kgs (subtract 5kg = weight of crossbar and legs), these racks, when fitted to this vehicle should have no more than 35kgs loaded.

**Note for Dealers and Fitters:**

It is your responsibility to ensure instructions are given to the end user or client.

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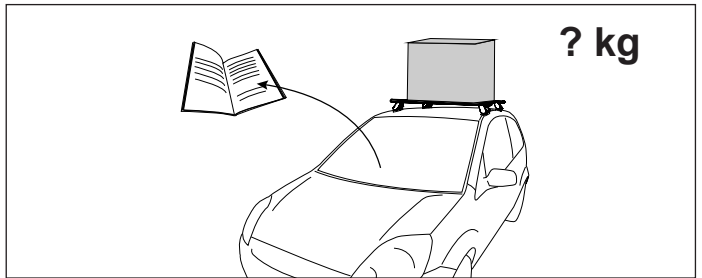
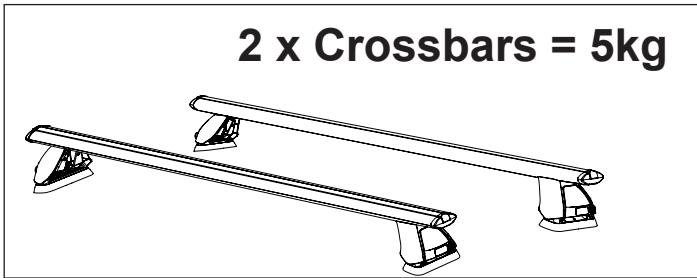
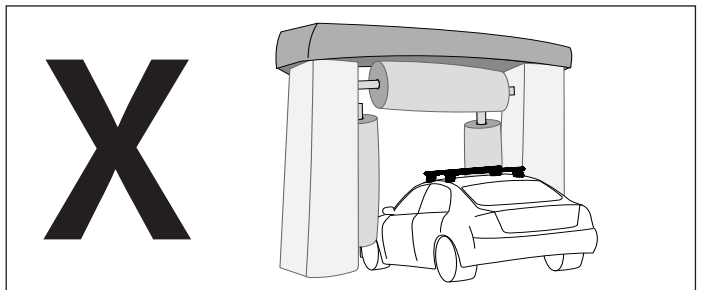
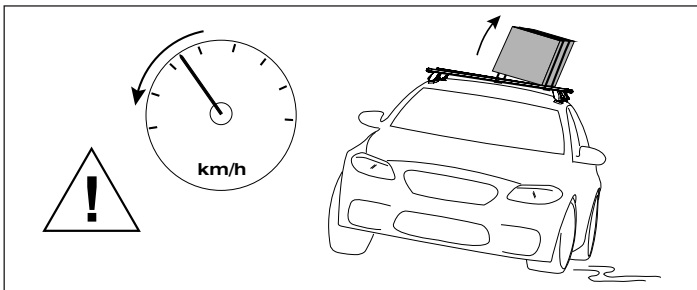
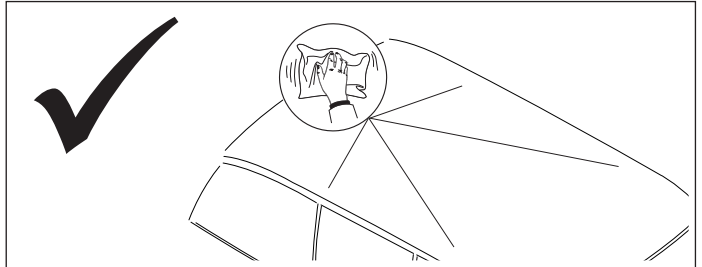
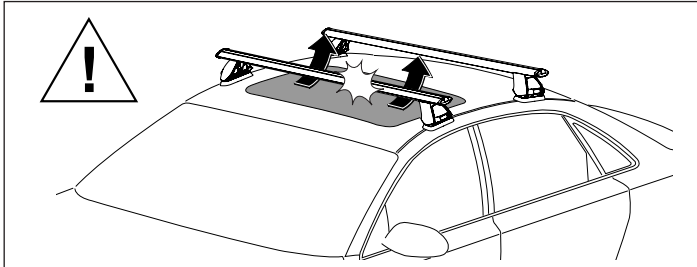
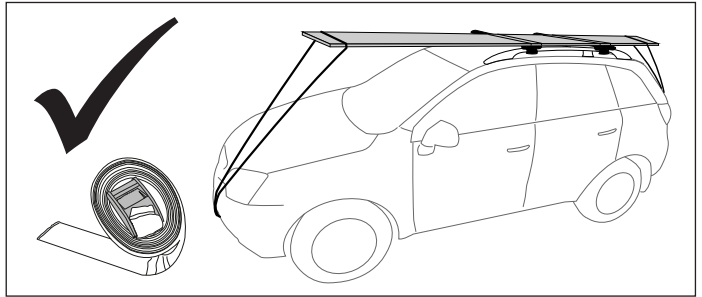
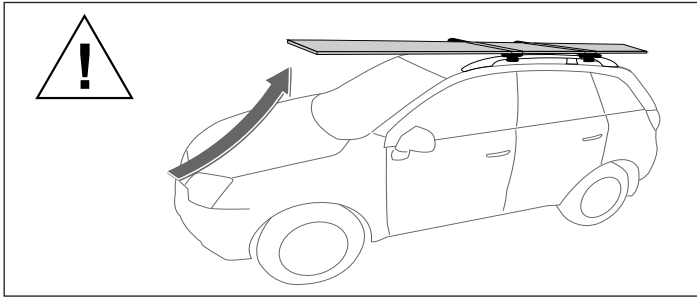
Document No: RS-366  
Prepared By: Kayle Everett  
Authorised By: Chris Murty

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Issue Date: 16/02/2012

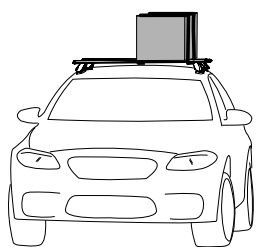
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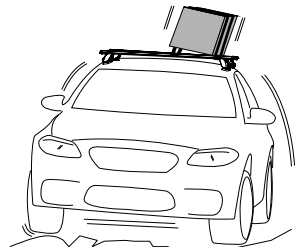
# 2500 RS Rhino Sportz - Two Bar System.



When these roof racks are to be used on a vehicle that is driven off sealed roads, the manufacturer maximum roof load rating (to be found in the vehicles User Manual) should be **halved**. Do not forget to subtract 5kg from your maximum carrying capacity due to the weight of the crossbars and legs.

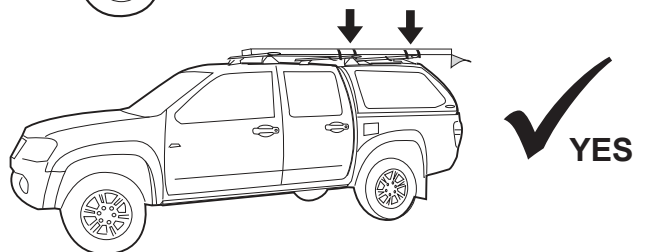
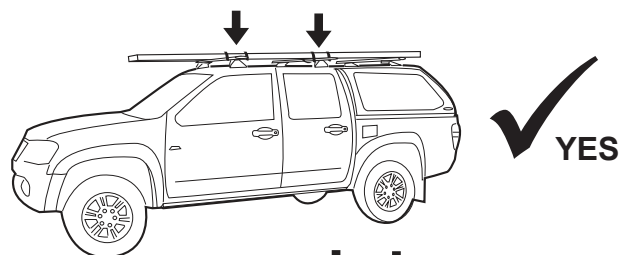
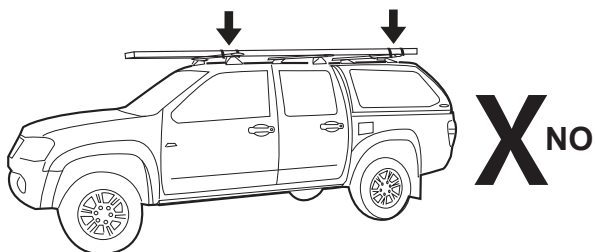


$$70\text{kg load rating (Urban road)} = 35\text{ kg load rating (Off road - } 70\text{kg} / 2)$$



## WARNING! Important Load Carrying Instructions

With utility vehicles, the cabin and the canopy move independently. Roof racks and vehicle can be damaged if the item transported is rigidly fixed at points on both the cabin and canopy. Instead, rigidly fix to either the cabin roof racks or the canopy roof racks.





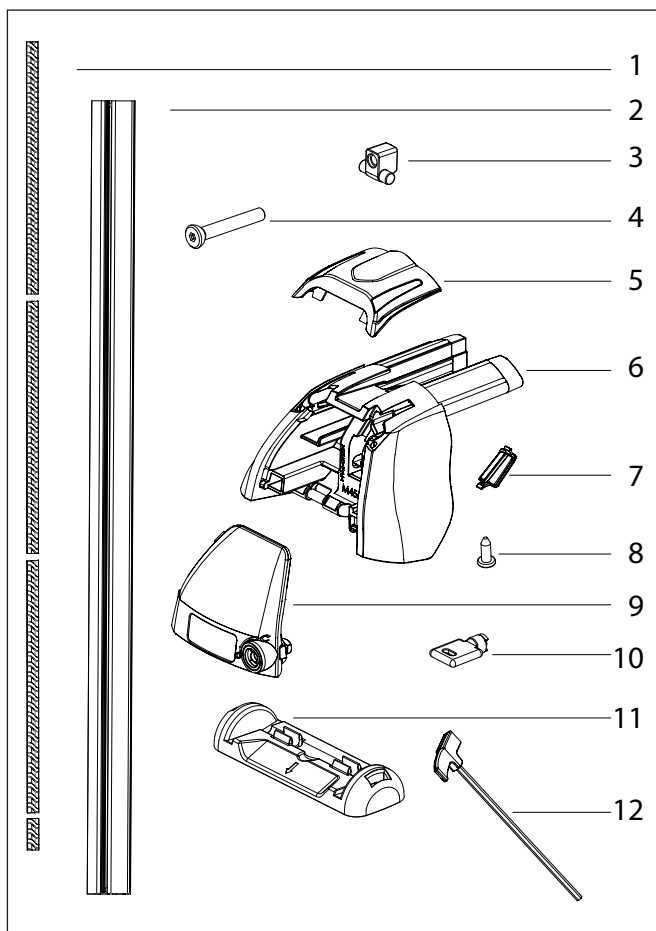
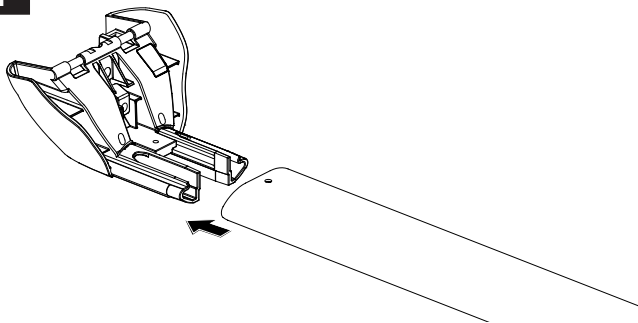
## 2500 RS Rhino Sportz - Two Bar System.

### Parts List

Item	Component Name	Qty	Part No.
1	Vortex Buffer Strip Front / Rear	7-8	M626
2	Sportz Crossbar Front / Rear	2	A155
3	M8 Pivot Nut	4	N047
4	M8 x 40mm Security Bolt	4	B177
5	2500 Cover Plate	4	M456
6	2500 Sportz Leg	4	M455
7	Leg Cover Plate	4	M324
8	10G x 1/2" Pan Head Phillips Screw	4	B045
9	Leg Locking Cover	4	M312
10	Leg Locking Cover Key	1	M314
11	SL2500 Leg Base	4	M311
12	Torque Allen Key	1	TORKEY-L
13	Fitting Instruction	1	RS-366

#### Tools Required:

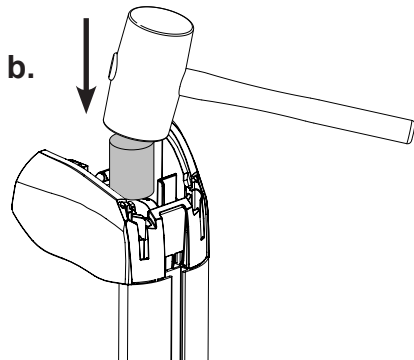
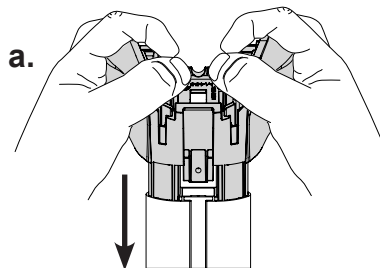
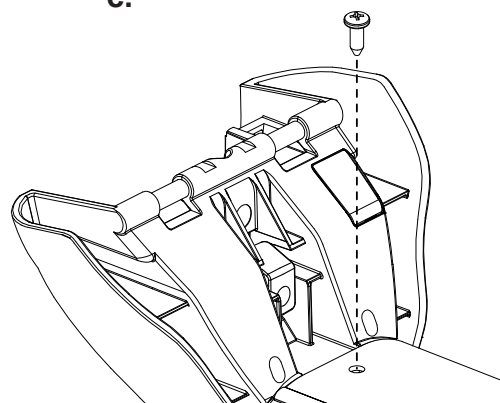
Security allen key (provided in kit). Phillips head screwdriver. Timber or plastic block (refer step 1). Rubber mallet.

**1**

#### Attach and Secure 2500 Leg to Crossbar:

Insert 2500 leg's into the ends of each crossbar.

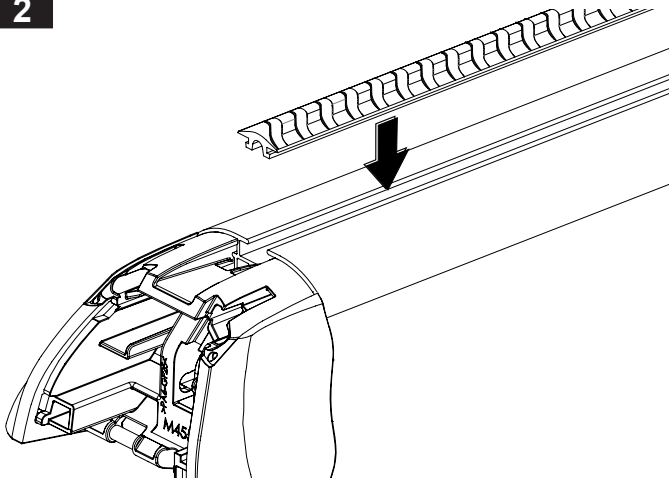
- Push the 2500 leg in by hand as far as possible.
- Place a block of timber or plastic on the leg then use a rubber mallet to knock leg fully into end of the crossbar.
- From the underside of the crossbar insert the phillips head screw to secure the leg.

**c.**



## 2500 RS Rhino Sportz - Two Bar System.

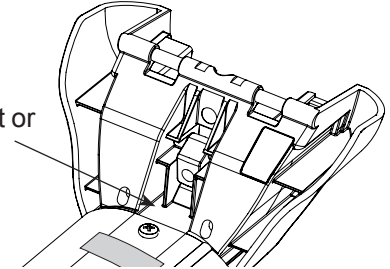
2



### Insert crossbar rubber.

Insert the crossbar rubber into the top of the crossbar. Crossbars have decals on the underside to denote FRONT and REAR. Insert 2-4 pieces into each bar ensuring each end aligns with the other. The rubber may need to be trimmed level with end of the crossbar. Do not stretch the rubber.

Decal shows Front or Rear cross bar.



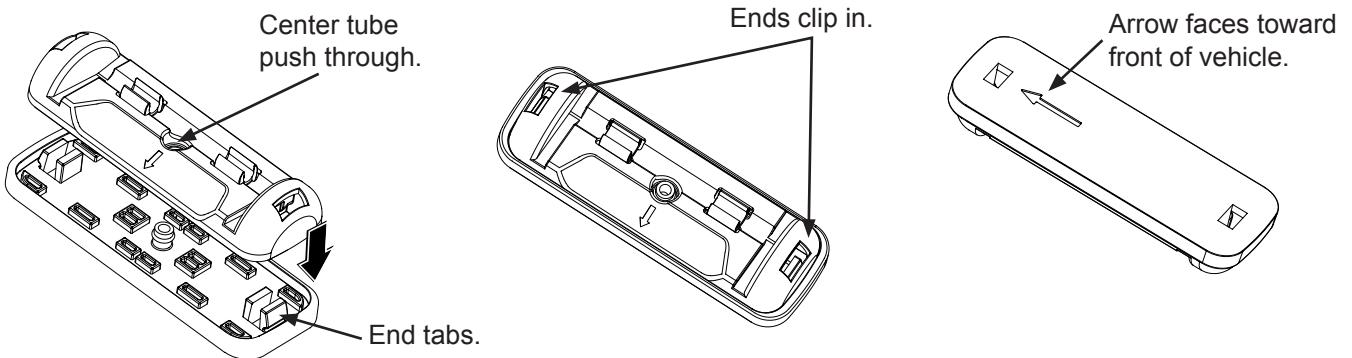
**NOTE:** Refer to page 1 of the DK supplement sheet provided for information regarding **Steps 3, 5 and 6.** Highlighted below is an example of the information you require to correctly assemble your cross bars and legs. The other information is not required for this style of roof rack.

Crossbar	Front Right Pad/ Clamp	Front Left Pad/ Clamp	Measurement strip length per side	Measurement strip length per side	Measurement Distance ( x )	Foot plate arrow direction	Rear Right Pad/ Clamp	Rear Left Pad/ Clamp	Measurement strip length per side	Measurement strip length per side	Measurement Distance ( x )	Foot plate arrow direction
1180mm	M368 114502	M368 114502	175mm	120mm	918mm / 36,9/64"	OUT	M367 114502	M367 114502	163mm	108mm	894mm / 35,13/64"	OUT
	Arrow OUT						Arrow FORWARD					

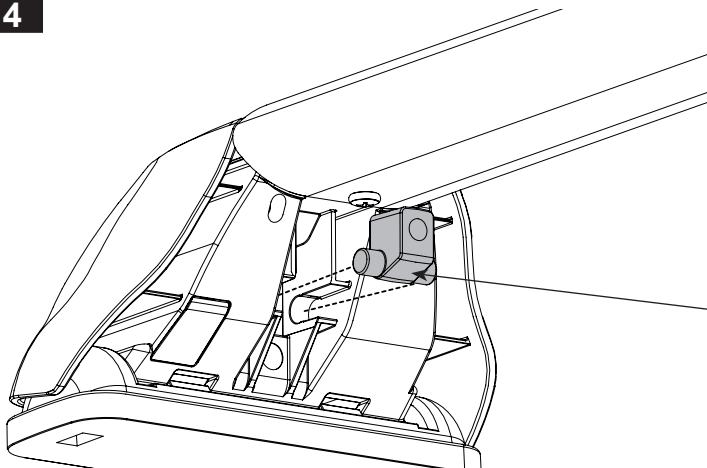
### 3 Attach rubber pad:

Clip the rubber pad onto the 2500 leg base. Centre tube of pad must fully locate in the leg base. The end tabs must be fully pushed through so they clip in.

**NOTE:** Refer to Step 5 to determine correct orientation of rubber pad onto plastic base.



4



### Attach M8 pivot nut:

Insert the M8 pivot nut into the back of the leg. Ensure the nut snaps in place.

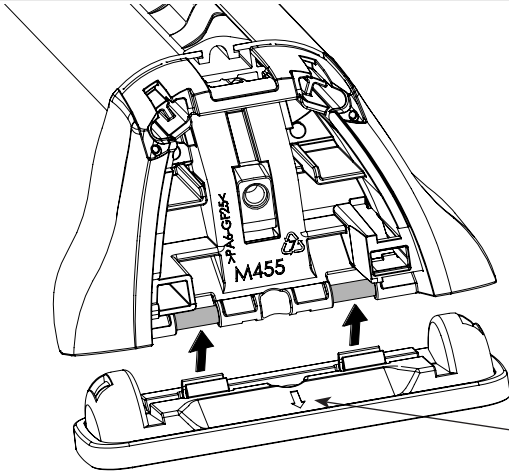
**NOTE:** Angled face of the nut faces down while being clipped in place.

Angled face of M8 pivot nut.



## 2500 RS Rhino Sportz - Two Bar System.

5



### Clip 2500 leg base onto leg:

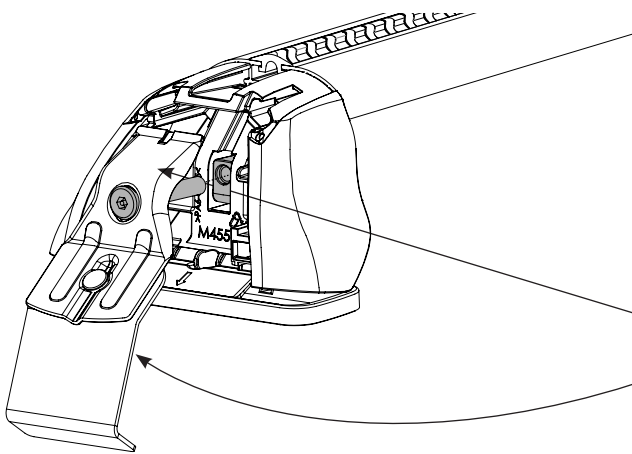
Clip the leg base onto the leg with the arrow facing in the correct direction **IN** or **OUT** according to your vehicle listed in the DK supplement sheet.

The leg base will swing freely when properly attached.

Diagram shows arrow facing OUT.

Arrow on leg base.

6



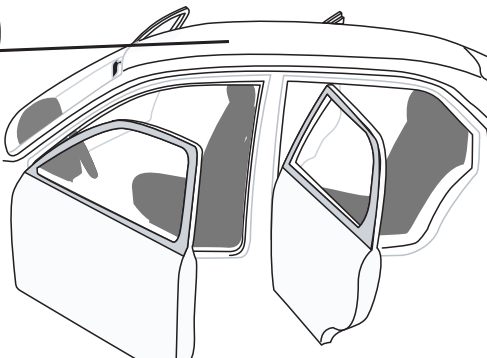
### Attach metal clamp:

Insert the M8 security bolt through the front of the clamp. Screw the bolt into the pivot nut. The bolt only needs to enter the pivot nut far enough to get a few threads started.

DO NOT tighten at this stage.

Clamp will have Part No. either on top or underneath.

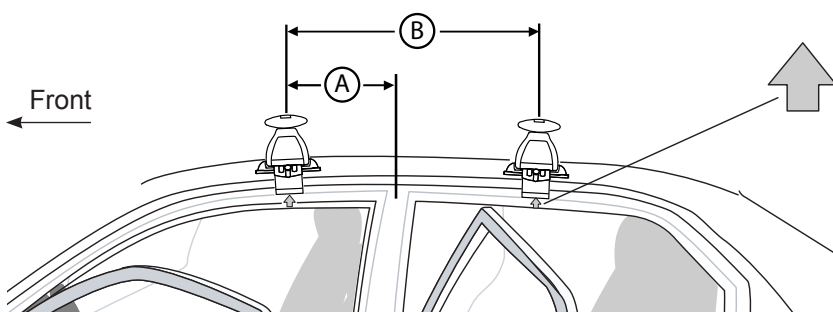
7



### Wash roof:

Wash the vehicle roof before securing the cross bar assembly.

**NOTE:** Refer to page 2 of the DK supplement sheet provided for information regarding **Steps 8 and 9**. Highlighted below is an example of the information you require to correctly fit your roof racks.



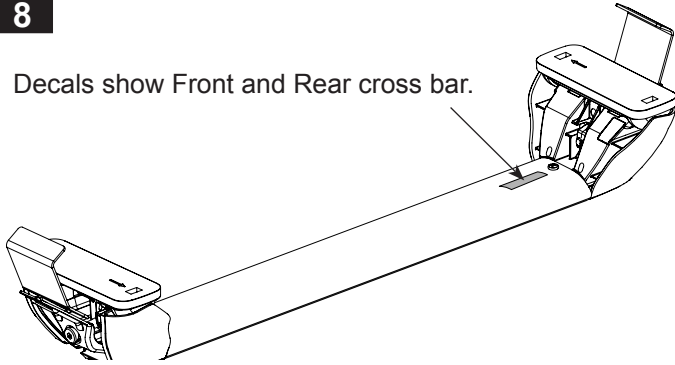
Once measurement is correct place the small white arrow stickers supplied onto the body work below the clamp. This marks the roof racks reference point for future use when racks are removed.



## 2500 RS Rhino Sportz - Two Bar System.

8

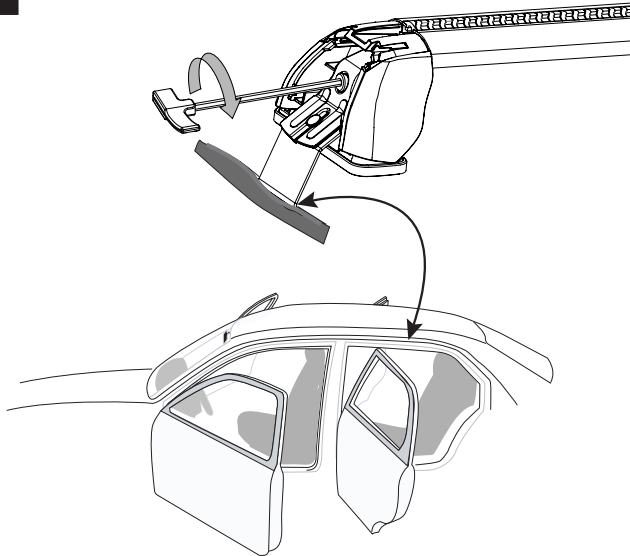
Decals show Front and Rear cross bar.



### Positioning labels:

Positioning labels to denote **FRONT** and **REAR** cross bar are located on the underside of the cross bar.

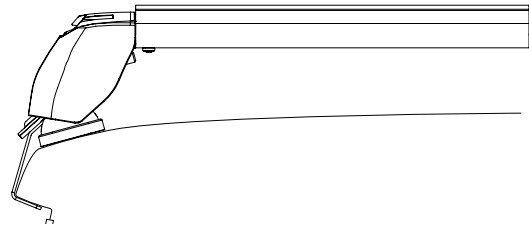
9



### Place roof racks on vehicle:

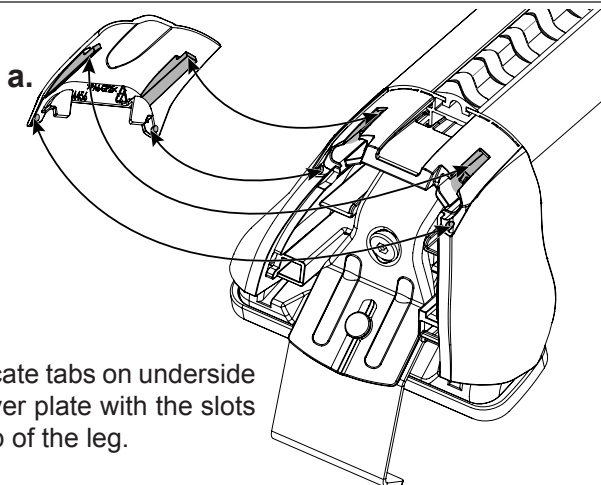
Open the doors and hook the metal strap in at the top of the door jam underneath any rubber seals that may be there. Tighten the M8 security bolt.

**TENSION BOLTS ON EACH SIDE OF THE VEHICLE EVENLY. DO NOT TIGHTEN ONE SIDE AT A TIME. TIGHTEN TO 4-5 Nm. DO NOT OVER TIGHTEN.**



Refer to 'DK' fitting instruction page 2 for positioning of crossbars on the roof of your vehicle.

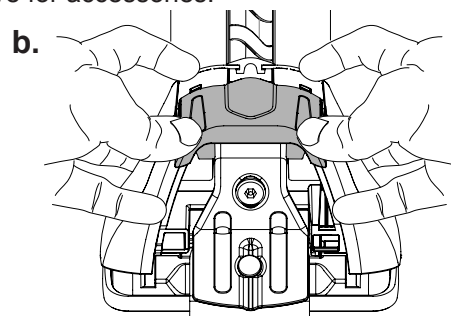
10



a. Locate tabs on underside of cover plate with the slots on top of the leg.

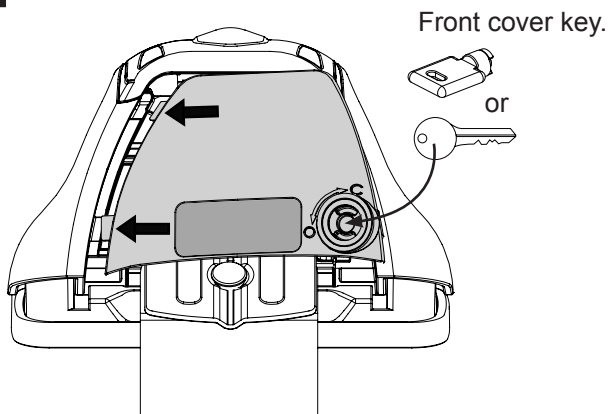
### Attach cover plate.

Cover plate allows fitment of hardware into the crossbar C-groove for accessories.



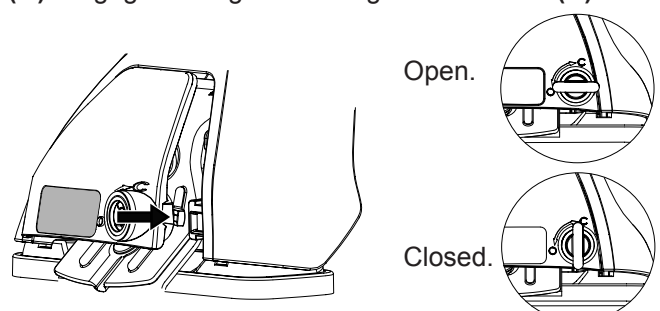
b. Slide cover plate forward. Put pressure on rear of cover plate with thumbs to properly locate the small tabs.

11



### Attach front cover.

Insert the two lugs on left side of front cover into the leg. Use key provided to turn lock barrel to the open position (O). Engage locking tab into leg. Turn to close (C).



Open.

Closed.